

Fig. 1 (Prior Art)

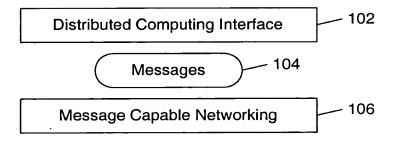


Fig. 2

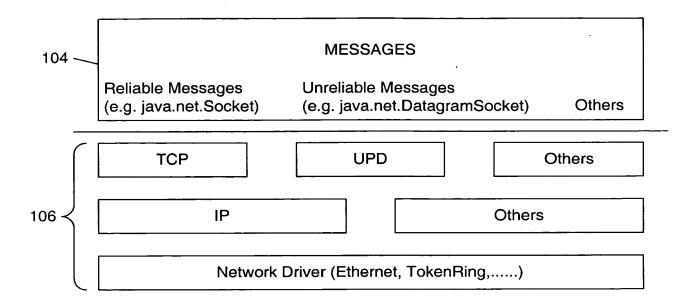


Fig. 3

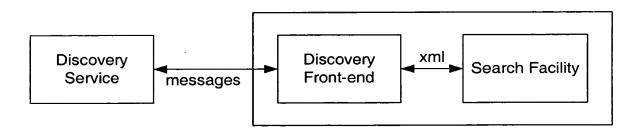


Fig. 4

D	y	n	a	m	lic

Client Profile

Claim and Release (a lease) Find (an object)

Write and Take (an object) Notify on Write Public Apis

Dynamic XML to / from Objects

Send / Receive Byte Messages

Connection Transport

Static

Client Profile

Static XML Message Definitions

Send / Receive Byte Messages

Connection Transport

Fig. 5

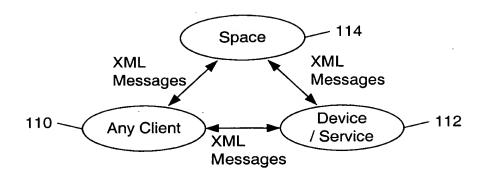


Fig. 6

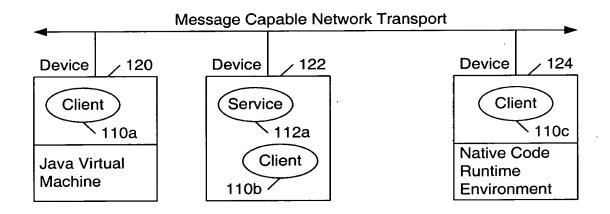


Fig. 7

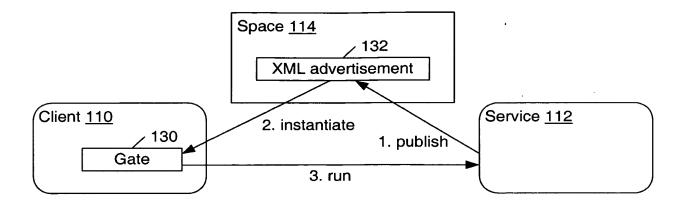


Fig. 8

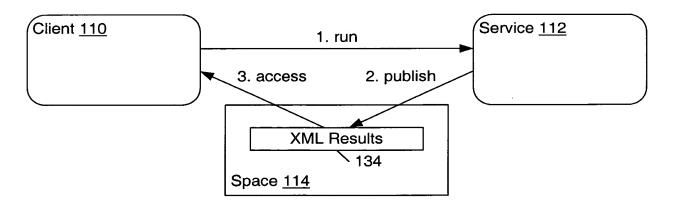


Fig. 9

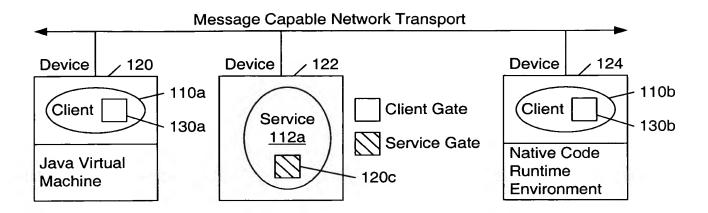


Fig. 10a

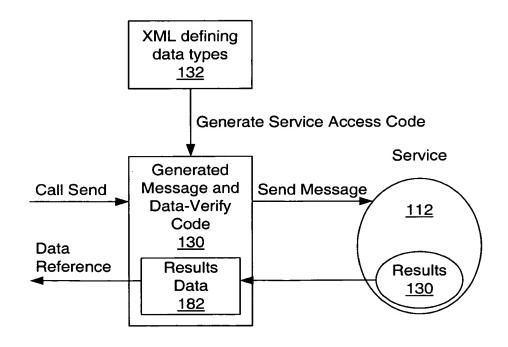


Fig. 10b

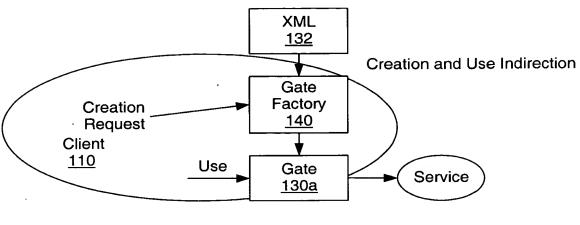


Fig. 11a

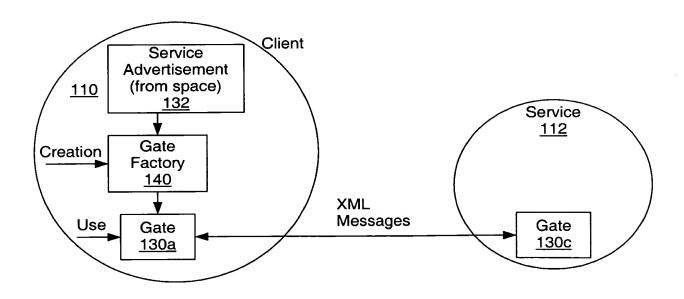


Fig. 11b

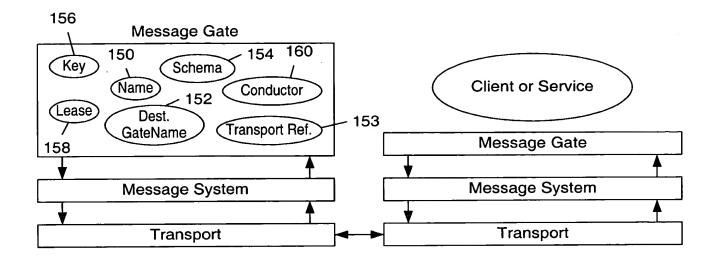


Fig. 12

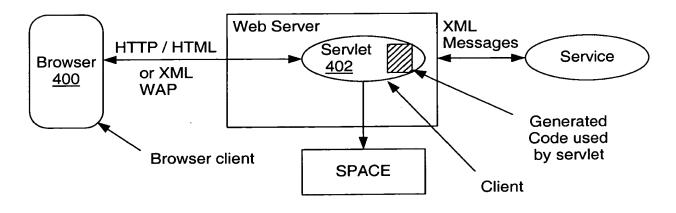


Fig. 13

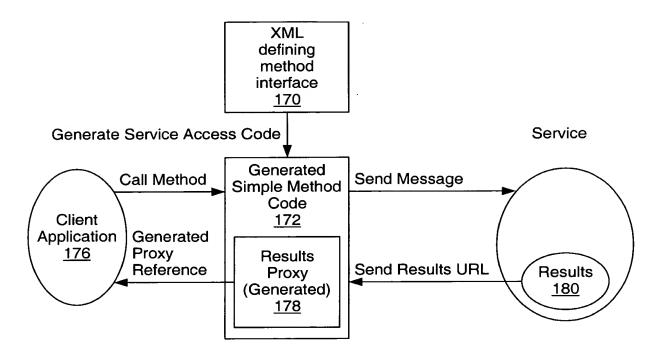


Fig. 14

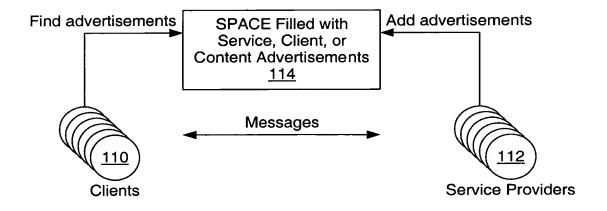


Fig. 15

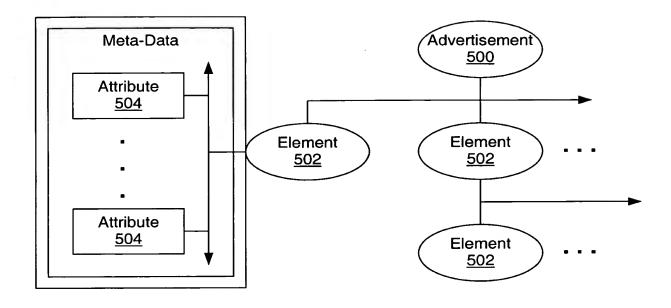


Fig. 16

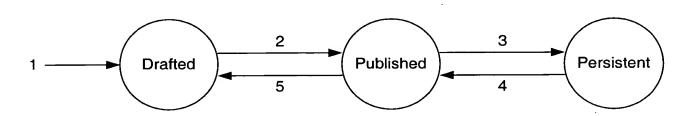
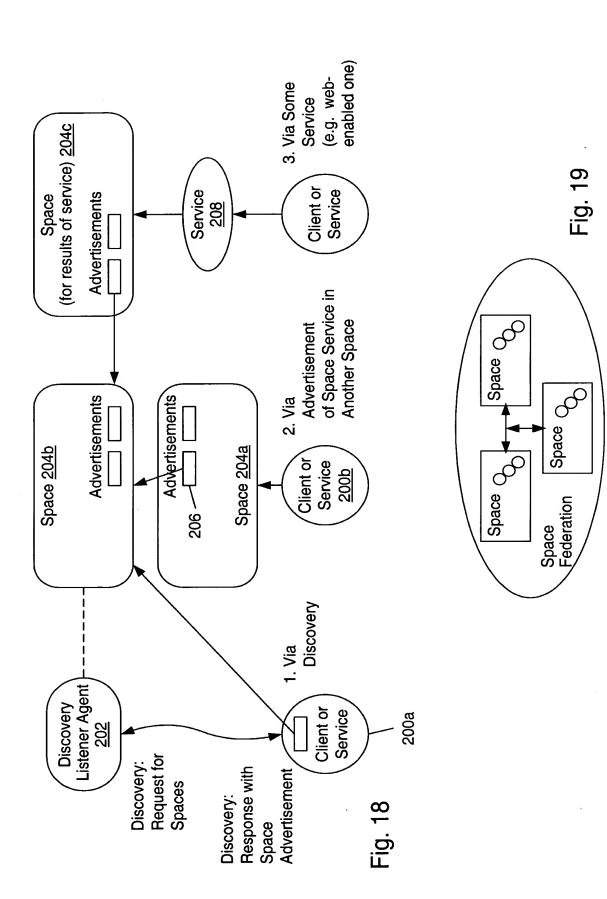


Fig. 17



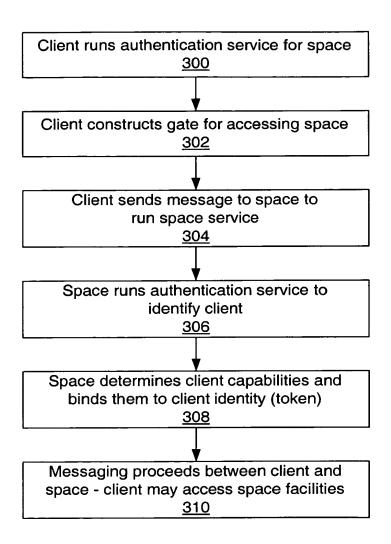


Fig. 20

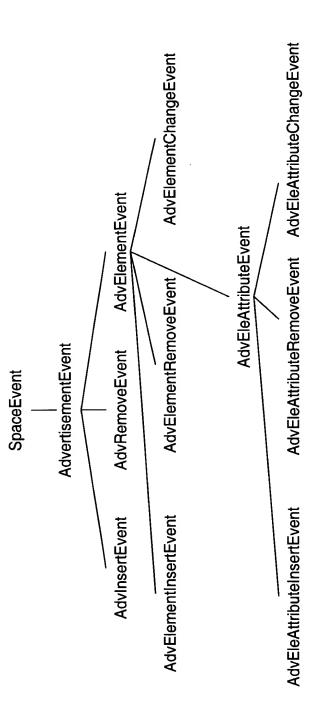
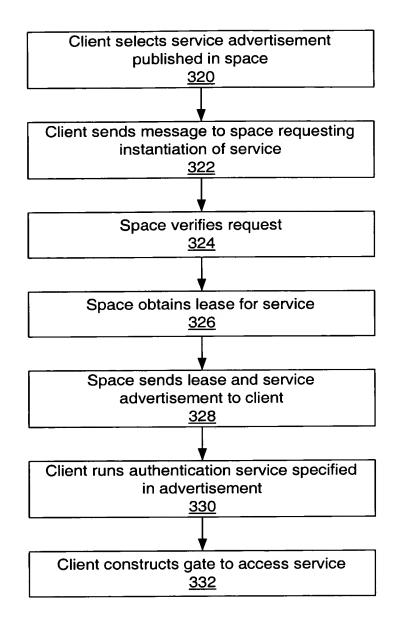


Fig. 21



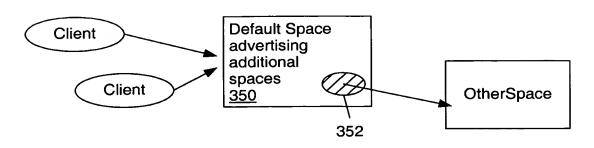
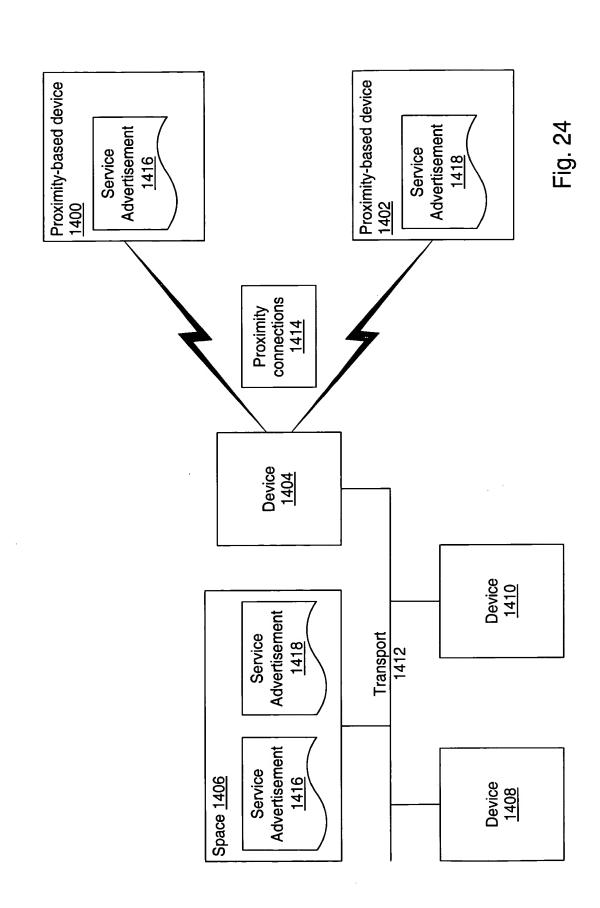


Fig. 22

Fig. 23



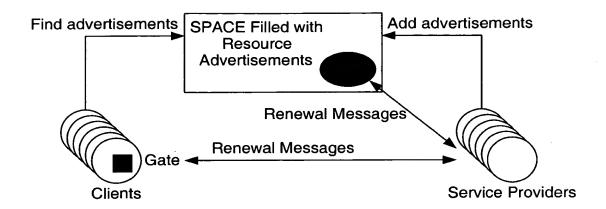


Fig. 25

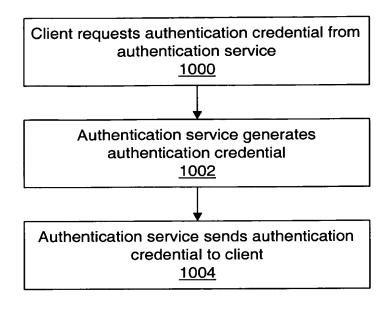


FIG. 26a

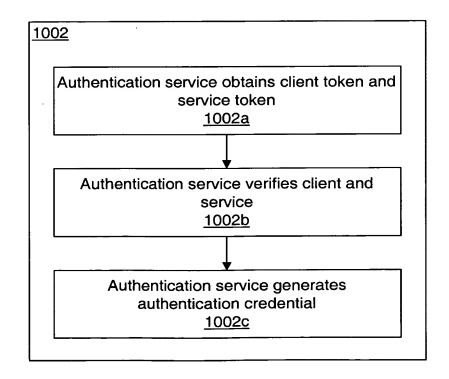
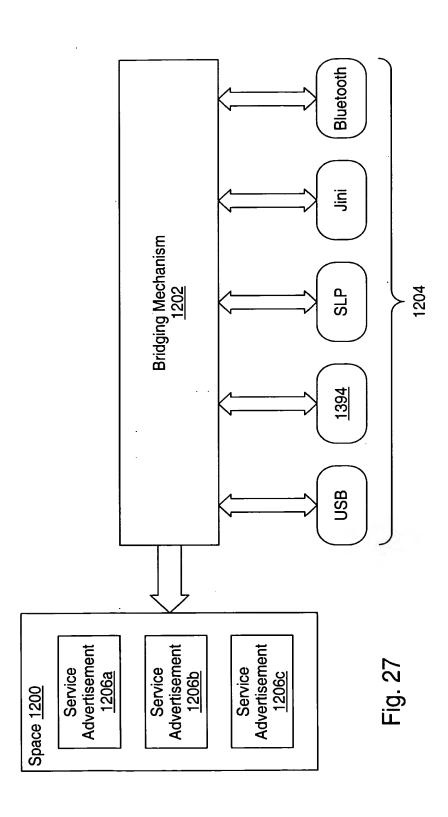
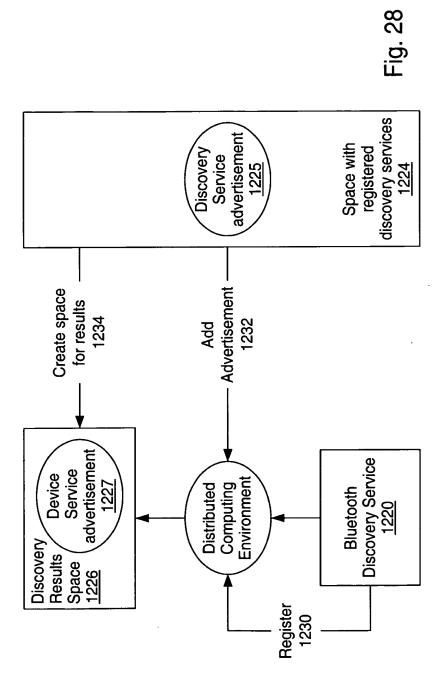
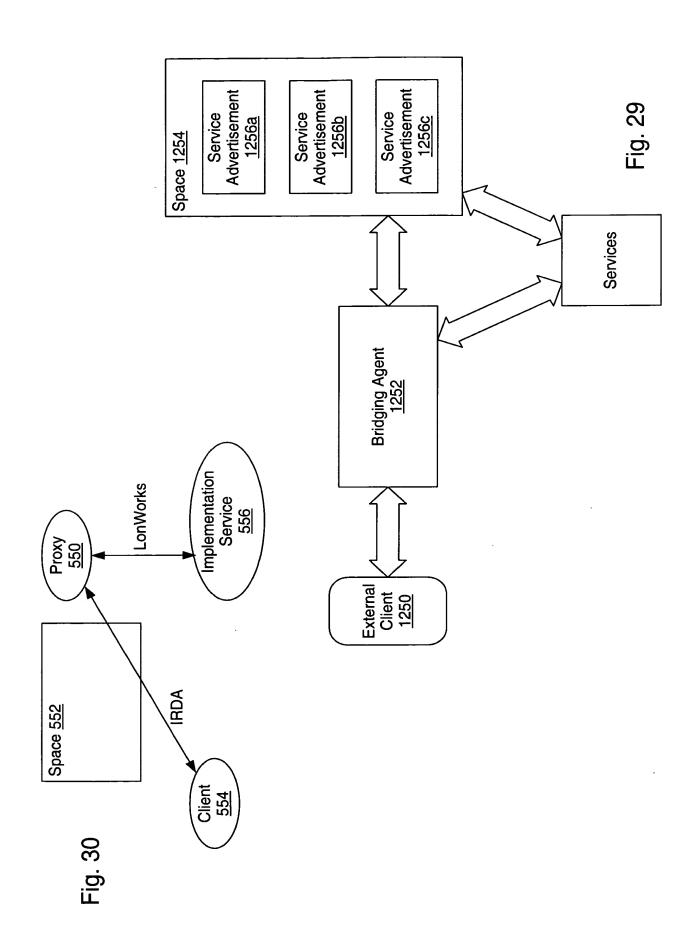
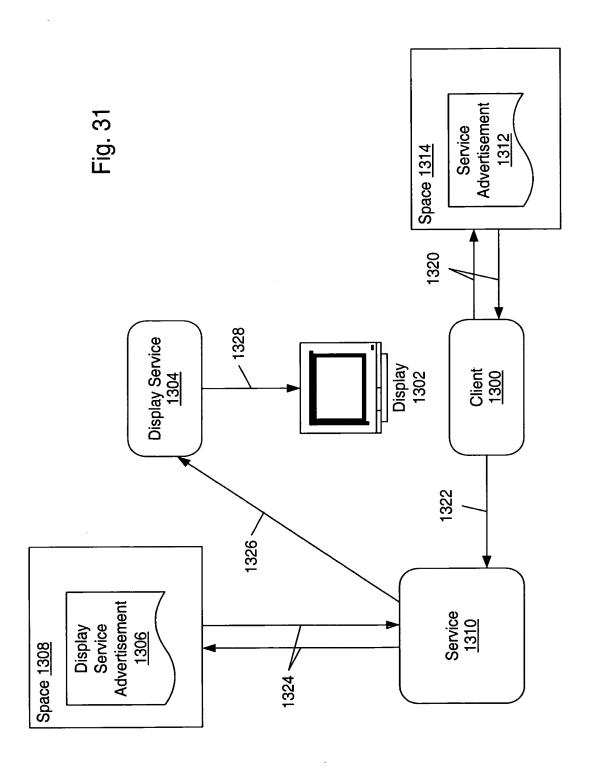


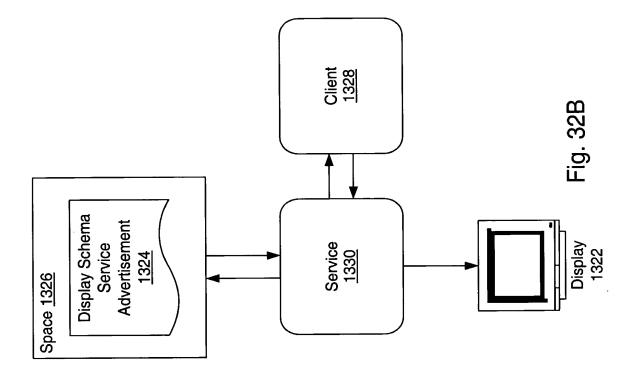
FIG. 26b

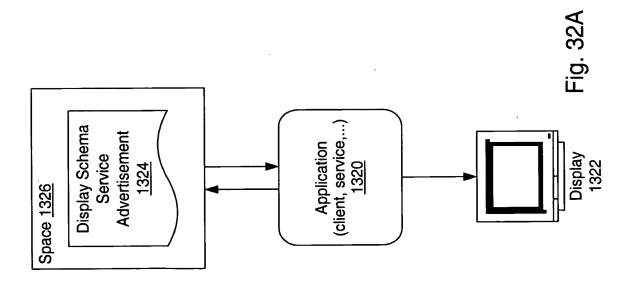


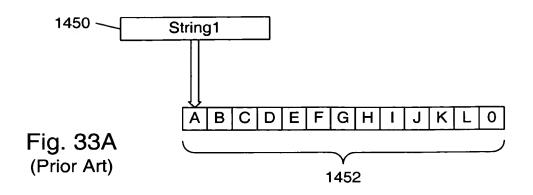


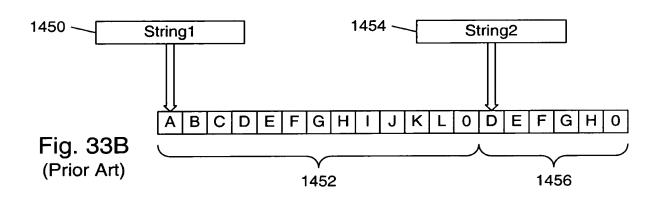


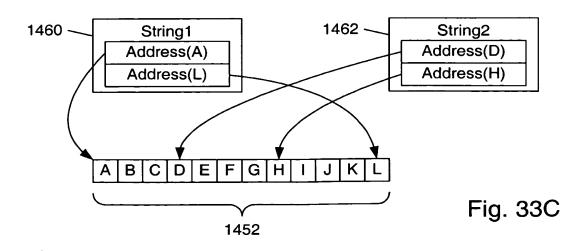












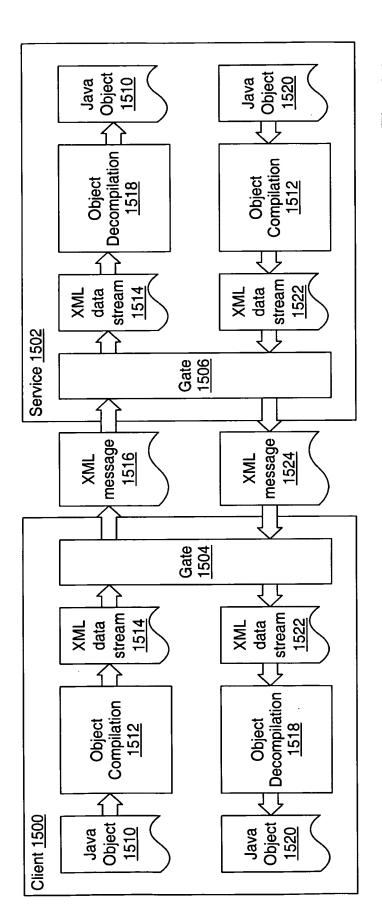


Fig. 34

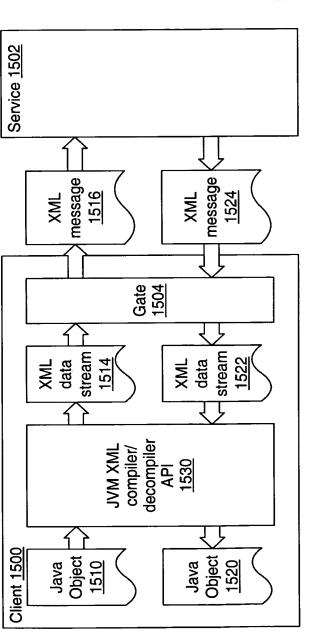
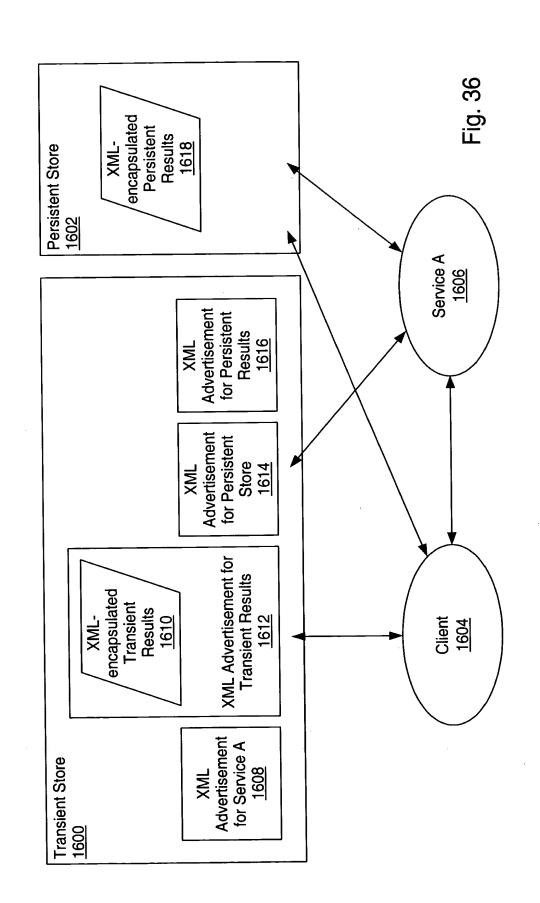


Fig. 35b Service 1502 message k 1524 message XML 1516 XML stream 1522 stream data data XML 1514 XML JVM XML compiler/ decompiler API 1530 Gate 1504 Java Object 1510 Java Object 1520 **Client** 1500

Fig. 35a



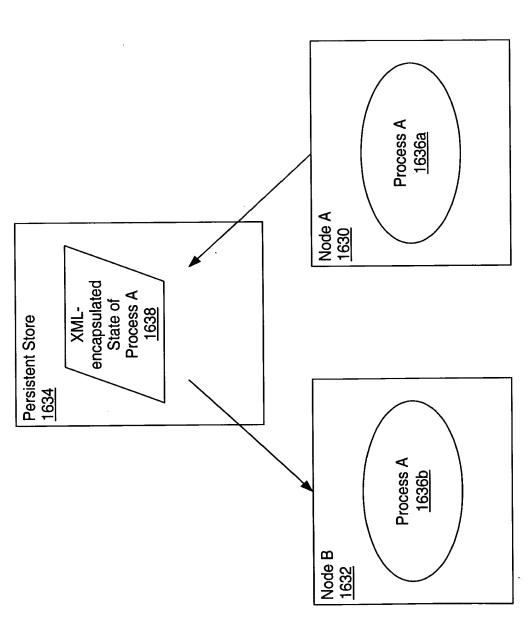


Fig. 37

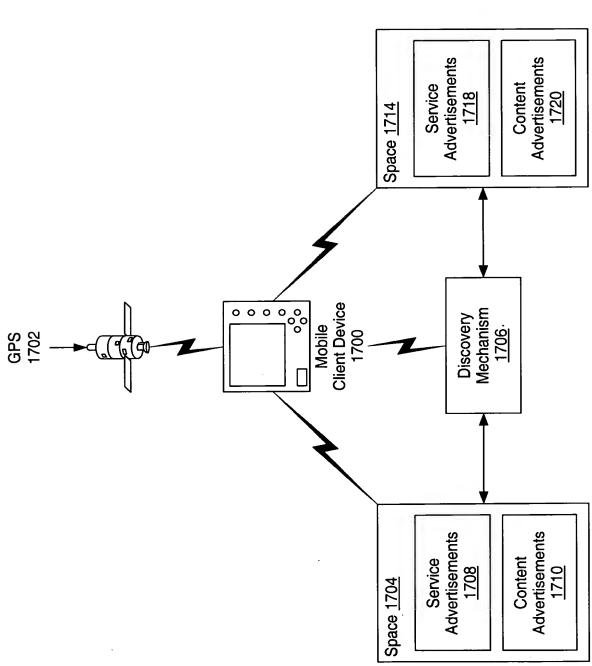
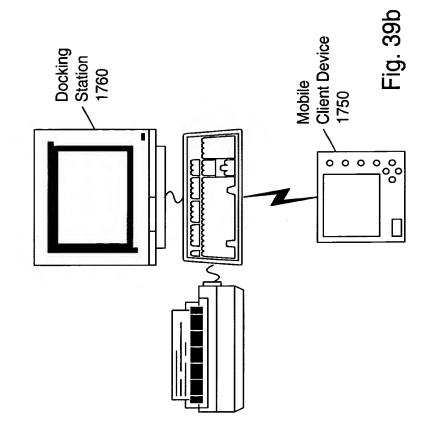


Fig. 38



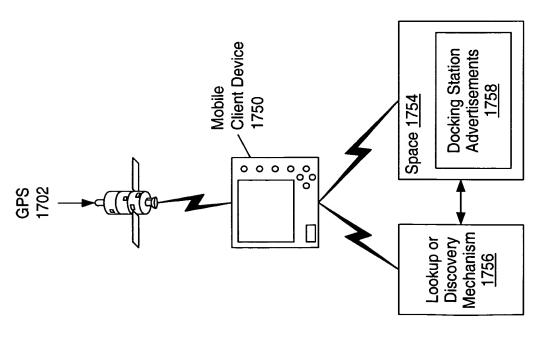
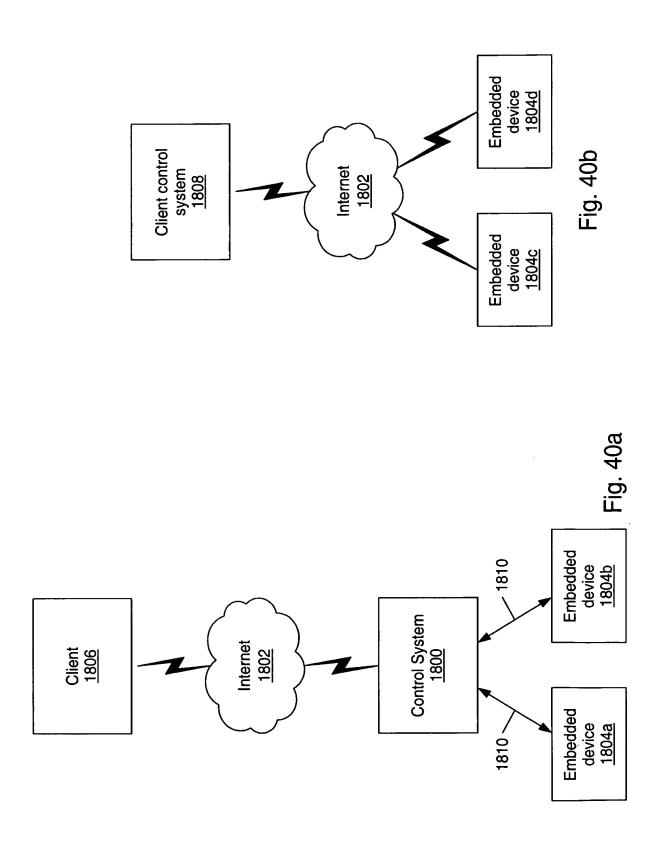


Fig. 39a



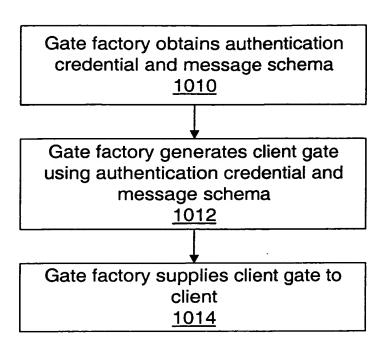


FIG. 41

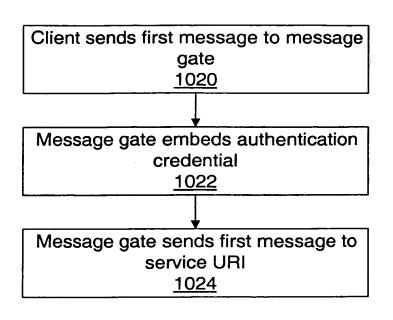
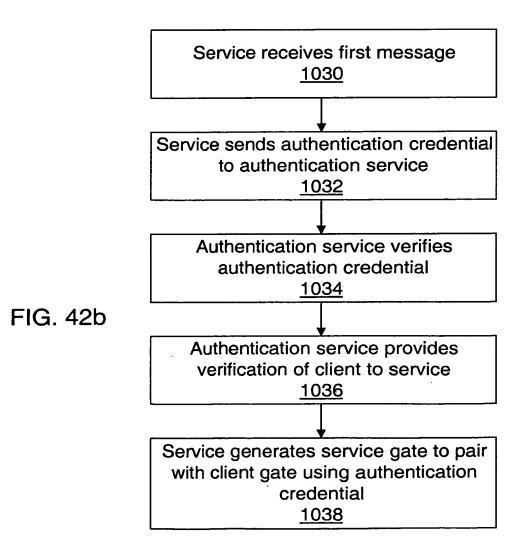


FIG. 42a



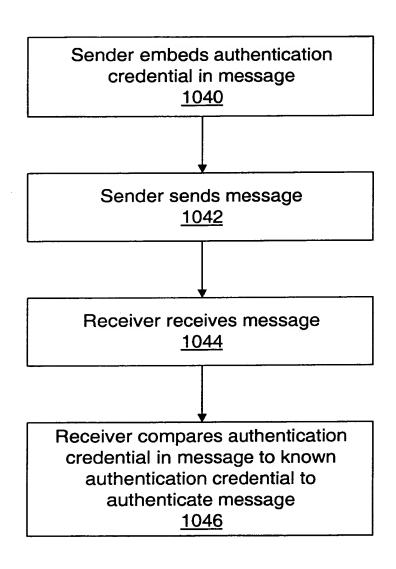


FIG. 42c

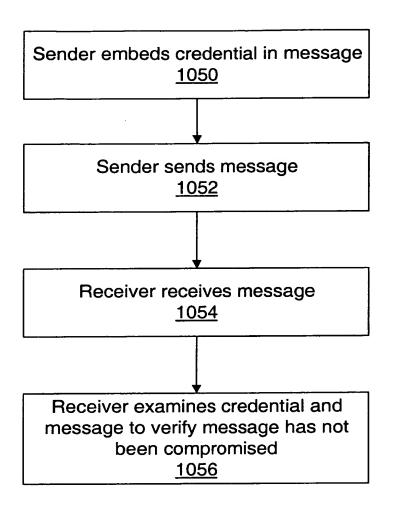


FIG. 43

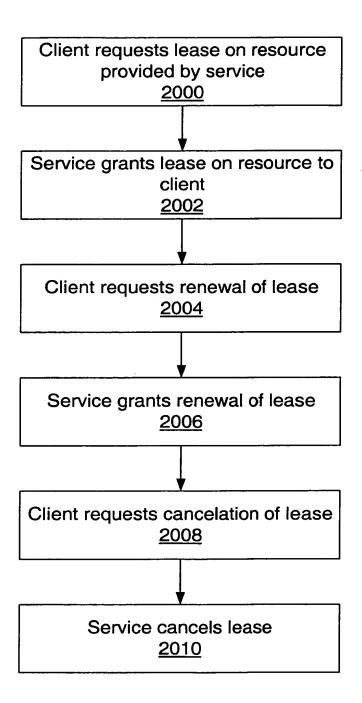


FIG. 44

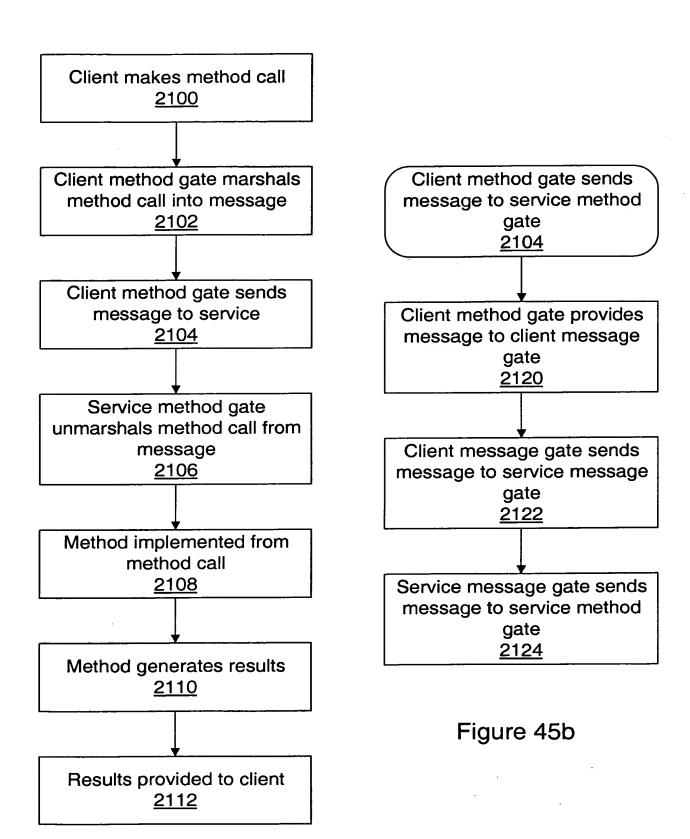


Figure 45a

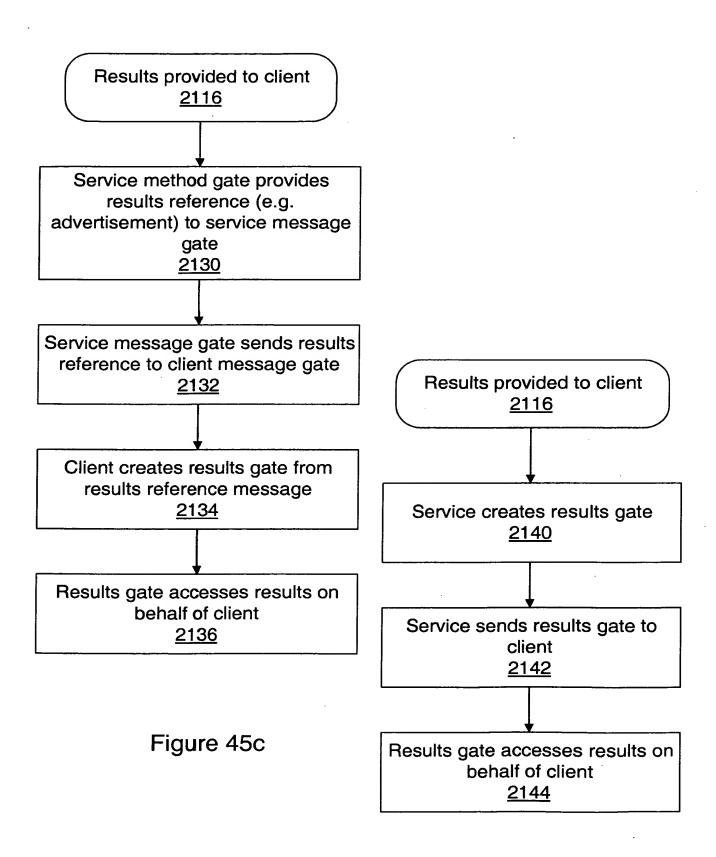
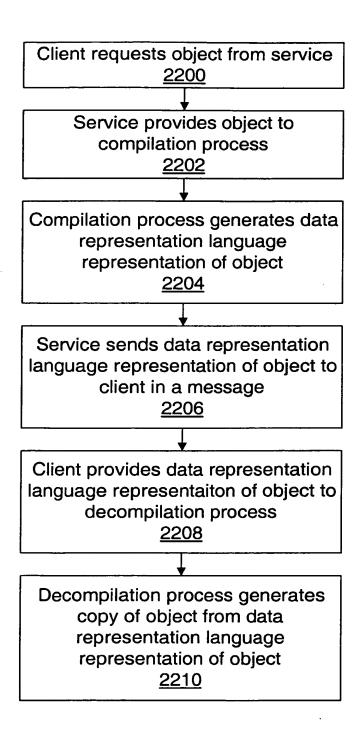


Figure 45d



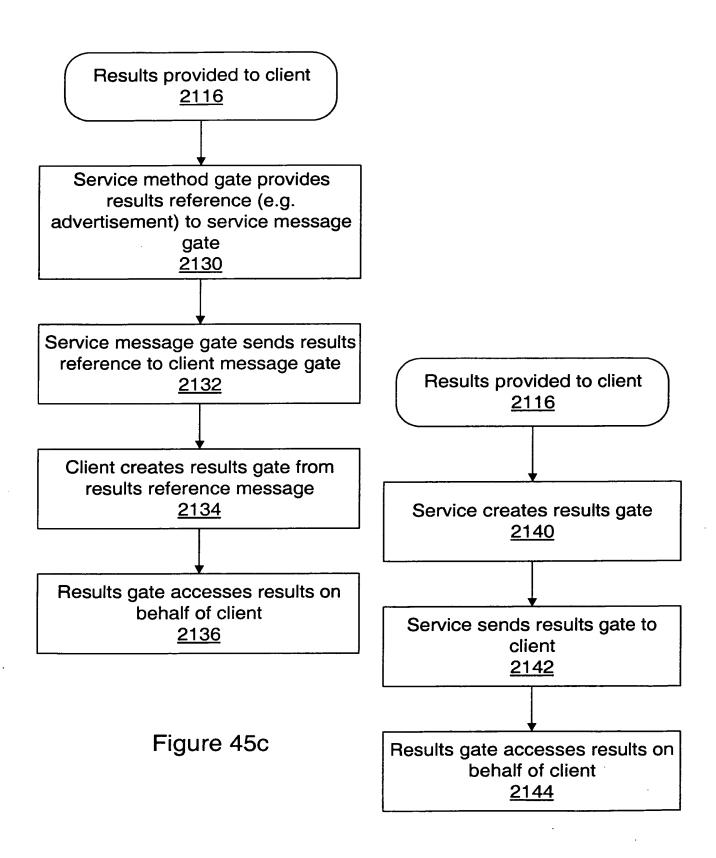


Figure 45d

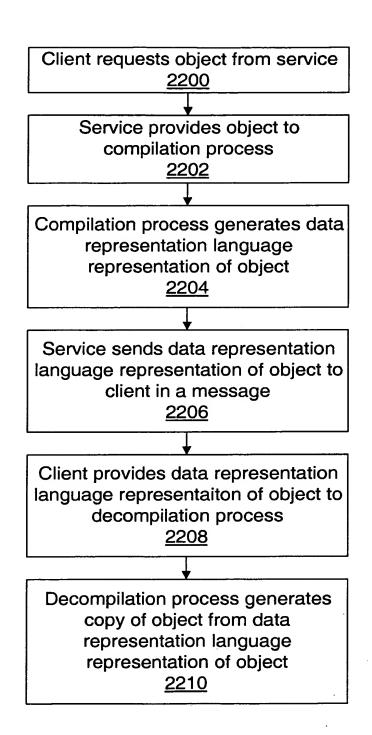


Figure 46

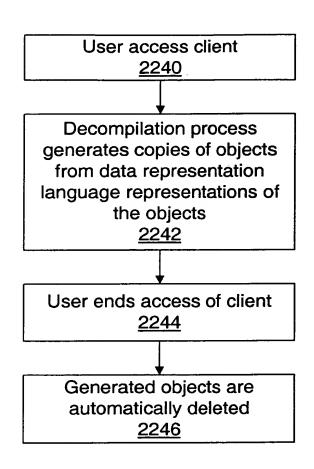


Figure 47

